

What is claimed is:

CONFIGURABLE ANALOG FRONT END FOR COMMUNICATION  
SYSTEMS

1. A telephony device connected to a telephone line which supports multiple different telephone signal protocols, comprising:  
a termination impedance circuit that provides a termination impedance of the device, wherein the impedance is selectable depending on the protocol being supported.
2. The telephony device claimed in claim 1 wherein the circuit includes at least first and second impedance elements and a switch network which selects different combinations of the impedance elements depending on the protocol being supported.
3. The telephony device claimed in claim 2 further including a blocking capacitor connected in series with the first impedance element.
4. A device comprising:  
a termination impedance circuit, coupled to a communication link, that provides a termination impedance of the device, wherein the impedance is selectable.
5. The device of claim 4 wherein the communication link supports a plurality of signal protocols, and the termination impedance circuit that provides a termination impedance of the device, wherein the impedance is selectable depending on the protocol being supported.
6. The device of claim 5 wherein the circuit includes at least first and second impedance elements and a switch network which selects different combinations of the impedance elements depending on the protocol being supported.
7. The device of claim 7 further including a blocking capacitor connected in series with the first impedance element.
8. A device comprising:

an echo-cancel hybrid circuit, coupled to a communication link, that provides an echo cancel characteristic, wherein the characteristic is selectable.

9. The device of claim 8 wherein the echo-cancel hybrid circuit comprises:  
a multiplexer; and  
a plurality of echo-cancel hybrids coupled to the multiplexer.
10. The device of claim 8 wherein the communication link supports multiple different signal protocols.
11. The device of claim 9 wherein characteristic is selectable depending on at least one protocol being supported.
12. The device of claim 8 wherein the communication link comprises a phone line.
13. The device of claim 9 wherein the communication link supports multiple different signal protocols.
14. The device of claim 13 wherein characteristic is selectable depending on at least one protocol being supported.
15. The device of claim 9 wherein the communication link comprises a phone line.  
into an output data stream which may be coupled to the communication link.